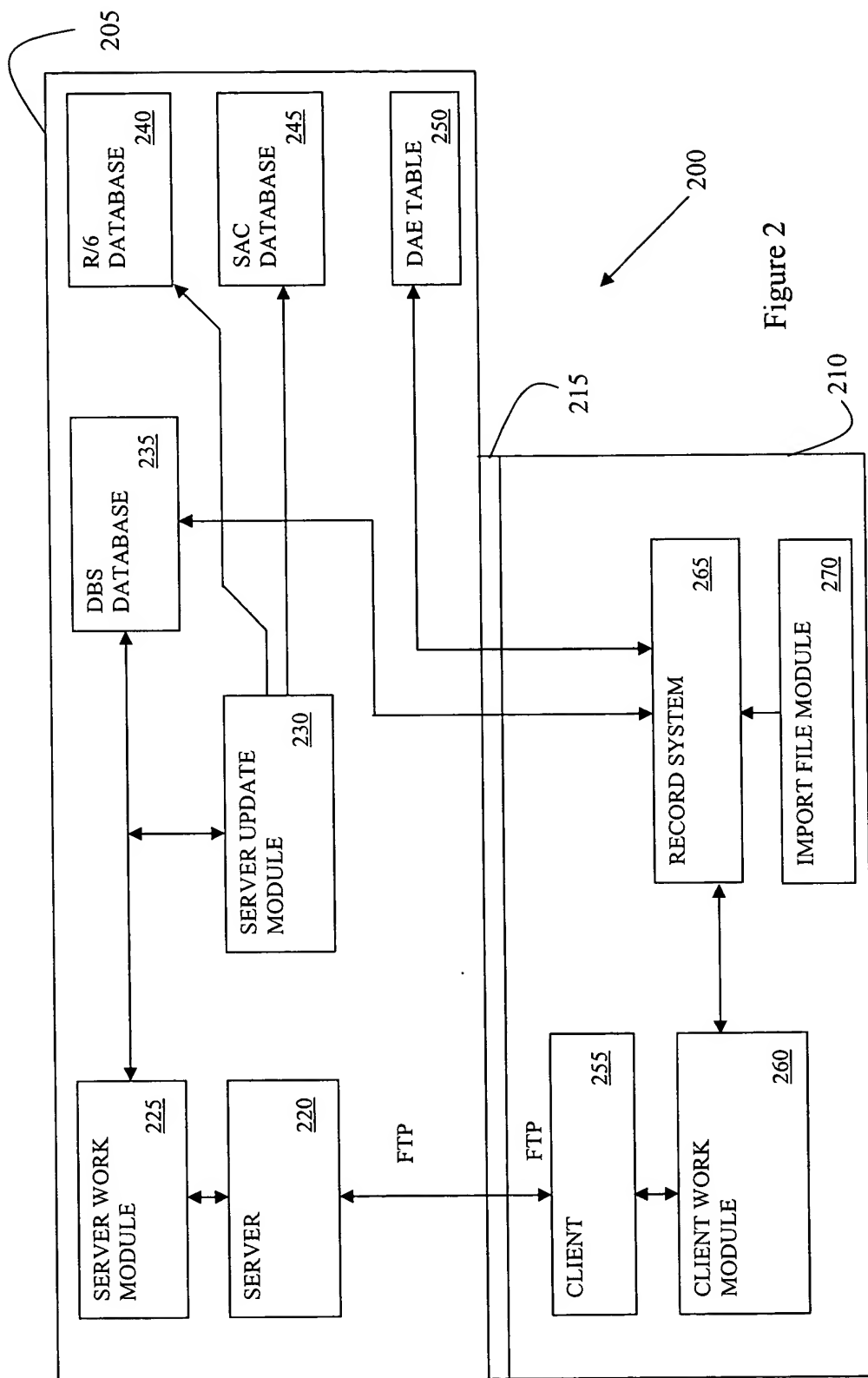


Figure 1



CREATING A NUMBER OF SPC CHARTS  
AND A NUMBER OF TABLES 300

DOWNLOADING A NUMBER OF SPC  
CHARTS AND A NUMBER OF TABLES 305

STORING THE CHARTS AND TABLES IN A  
DATABASE 310

HAS THE  
INFORMATION IN  
THE TABLES  
CHANGED? 315

NO

YES

CAN THE CHANGED  
INFORMATION BE  
DESCRIBED BY ONE  
OF THE SPC  
CHARTS? 320

NO

CREATING A NEW CHART 330

YES

UPDATING THE SPC  
CHART WITH THE  
CHANGED INFORMATION 325

IS THE NEW  
CHART A NEW  
TREND  
CHART? 335

NO

YES

CALCULATE  
CONTROL LIMIT  
VALUES FOR THE  
NEW CHART 340

NO

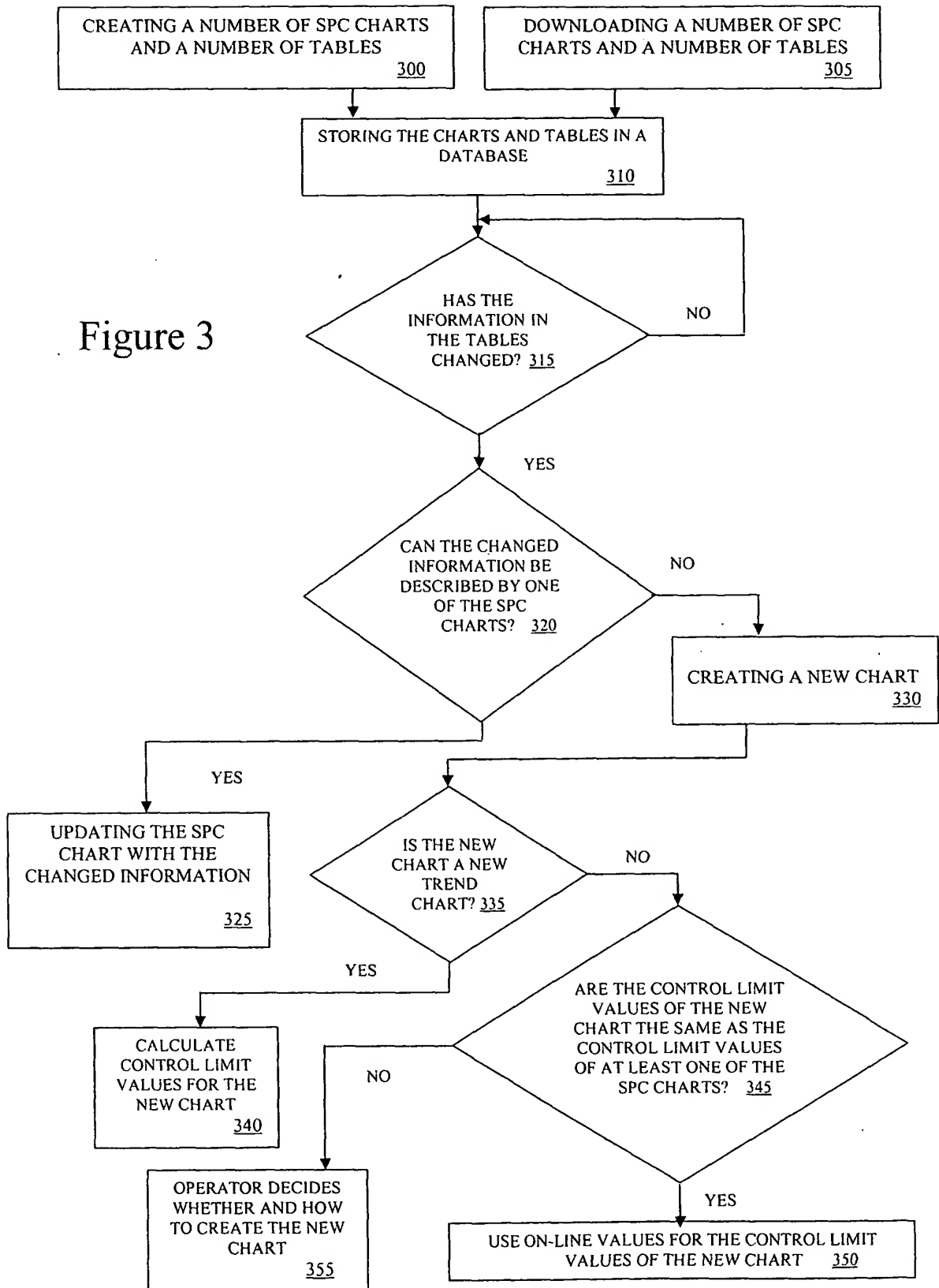
OPERATOR DECIDES  
WHETHER AND HOW  
TO CREATE THE NEW  
CHART 355

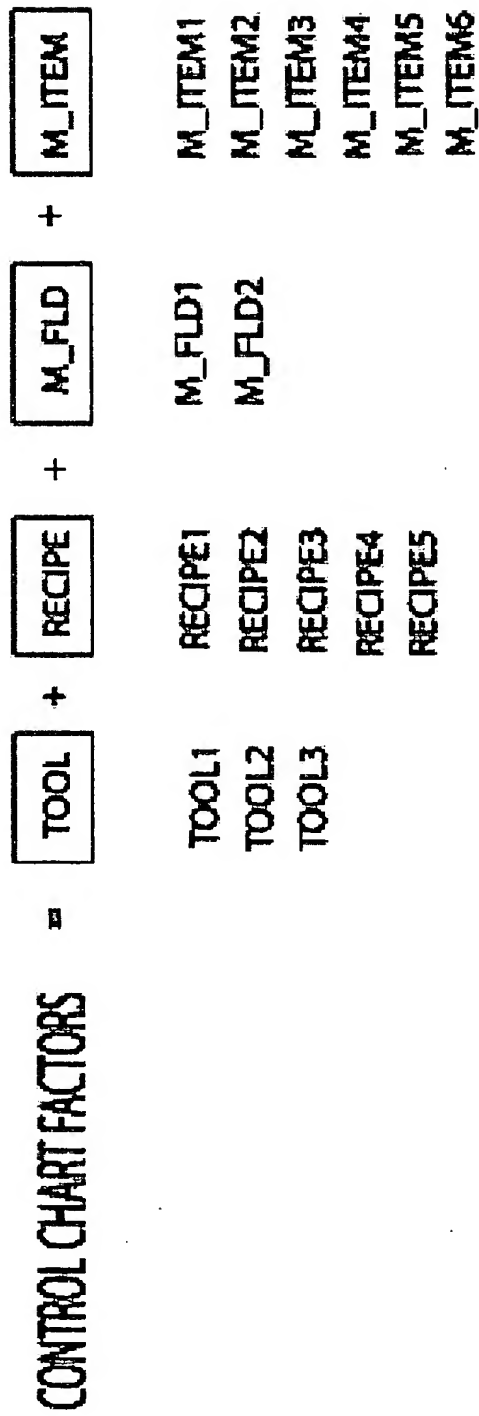
ARE THE CONTROL LIMIT  
VALUES OF THE NEW  
CHART THE SAME AS THE  
CONTROL LIMIT VALUES  
OF AT LEAST ONE OF THE  
SPC CHARTS? 345

YES

USE ON-LINE VALUES FOR THE CONTROL LIMIT  
VALUES OF THE NEW CHART 350

Figure 3





Total Combinations	=	3	X	5	X	2	X	6	=	180
New Combinations	=	3	X	1	X	2	X	6	=	36

**FIG.4**